

Message

From: Lang, Johnsie [Johnsie.Lang@arcadis.com]
Sent: 10/1/2019 3:12:26 PM
To: Strynar, Mark [Strynar.Mark@epa.gov]; Lindstrom, Andrew [Lindstrom.Andrew@epa.gov]
Subject: RE: DEQ Groundwater Results
Attachments: ATT00001.txt

Good question about the correctional institute. It isn't anywhere near the groundwater recharge site, but it is the closest New Hanover County site to the Cape Fear River. Surface water recharge?? It is also close to the airport, but that shouldn't affect PFMOAA results.

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From: Strynar, Mark <Strynar.Mark@epa.gov>
Sent: Tuesday, October 1, 2019 10:59 AM
To: Lang, Johnsie <Johnsie.Lang@arcadis.com>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>
Subject: RE: DEQ Groundwater Results

Johnsie,

It does not surprise me due to past practices as you indicated with GW recharge. PFMOAA and PFO2HxA seem to dominate as they have done with any sample I have taken since fall 2011.

What's going on at the New Hanover Correctional institute?

Mark

7/2/2019 0:00	483663014 NewHanoverCorrectionalInstitute_CC31U1	Perfluoro-2-methoxyacetic acid (PFMOAA)	2840
7/2/2019 0:00	483663014 NewHanoverCorrectionalInstitute_CC31U1	Perfluoro(3,5,7-trioxadecanoic) acid (PFO3OA)	806
7/2/2019 0:00	483663014 NewHanoverCorrectionalInstitute_CC31U1	Perfluoro(3,5-dioxahexanoic) acid (PFO2HxA)	2830
7/2/2019 0:00	483663014 NewHanoverCorrectionalInstitute_CC31U1	Perfluoro-2-methyl-3-oxahexanoic acid (GenX)	360
7/2/2019 0:00	483663014 NewHanoverCorrectionalInstitute_CC31U1	Perfluoro-4-methoxybutanoic acid (PFMOBA)	42.2
7/2/2019 0:00	483663014 NewHanoverCorrectionalInstitute_CC31U1	Nafion Byproduct 2 (PFESA BP2)	39.5
7/2/2019 0:00	483663014 NewHanoverCorrectionalInstitute_CC31U1	Perfluoro(3,5,7,9-tetraadecanoic) acid (PFO4DA)	108
7/2/2019 0:00	483663014 NewHanoverCorrectionalInstitute_CC31U1	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	71.3
7/2/2019 0:00	483663014 NewHanoverCorrectionalInstitute_CC31U1	Nafion Byproduct 1 (PFESA BP1)	0
7/2/2019 0:00	483663016 NorthernRegionalPark_CC30E3	Perfluoro-4-methoxybutanoic acid (PFMOBA)	4.13
8/27/2019 0:00	488866014 NewHanoverCorrectionalInstitute_CC31U2	Nafion Byproduct 2 (PFESA BP2)	22.1
8/27/2019 0:00	488866014 NewHanoverCorrectionalInstitute_CC31U2	Perfluoro-3-methoxypropanoic acid (PFMOPrA)	73.1
8/27/2019 0:00	488866014 NewHanoverCorrectionalInstitute_CC31U2	Perfluoro-4-methoxybutanoic acid (PFMOBA)	77.2
8/27/2019 0:00	488866014 NewHanoverCorrectionalInstitute_CC31U2	Perfluoro(3,5,7,9-tetraadecanoic) acid (PFO4DA)	141
8/27/2019 0:00	488866014 NewHanoverCorrectionalInstitute_CC31U2	Perfluoro-2-methyl-3-oxahexanoic acid (GenX)	351
8/27/2019 0:00	488866014 NewHanoverCorrectionalInstitute_CC31U2	Perfluoro(3,5,7-trioxadecanoic) acid (PFO3OA)	735
8/27/2019 0:00	488866014 NewHanoverCorrectionalInstitute_CC31U2	Perfluoro(3,5-dioxahexanoic) acid (PFO2HxA)	2860
8/27/2019 0:00	488866014 NewHanoverCorrectionalInstitute_CC31U2	Perfluoro-2-methoxyacetic acid (PFMOAA)	2940
8/27/2019 0:00	488866014 NewHanoverCorrectionalInstitute_CC31U2	Nafion Byproduct 1 (PFESA BP1)	0

From: Lang, Johnsie <Johnsie.Lang@arcadis.com>
Sent: Tuesday, October 01, 2019 10:24 AM
To: Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>
Subject: DEQ Groundwater Results

Hi Mark and Andy,

I thought you might be interested in these results for groundwater PFAS in New Hanover County. It is strange to see detections of Chemours PFAS in the groundwater. I suspect this is due to their groundwater recharge program?

[https://deq.nc.gov/news/key-issues/emerging-compounds/managing-emerging-compounds-water\](https://deq.nc.gov/news/key-issues/emerging-compounds/managing-emerging-compounds-water)

Thanks,

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